

# Alcotest 7110 Calibration Record

## Equipment

Alcotest 7110 MKIII-C  
Location: STAFFORD TOWNSHIP P.D.  
Serial No.: ARSA-0031  
Calibration File No.: 01579  
Calib. Date: 06/10/2020  
Calib. No.: 00038  
Certification File No.: 01537  
Cert. Date: 09/13/2019  
Cert. No.: 00030  
Linearity File No.: 01538  
Lin. Date: 09/13/2019  
Lin. No.: 00030  
Solution File No.: 01578  
Soln. Date: 05/22/2020  
Soln. No.: 00229  
Sequential File No.: 01579  
File Date: 06/10/2020  
Calibrating Unit: WET  
Model No.: CU-34  
Serial No.: DDXA S3-0034  
Control Solution %: 0.100%  
Expires: 10/14/2021  
Solution Control Lot: 19270  
Bottle No.: 1078

## Coordinator

Last Name: LUTZ  
First Name: DENNIS  
MI: J  
Signature: Tpr I [Signature] 7045  
Badge No.: 7045  
Date: 06/10/2020

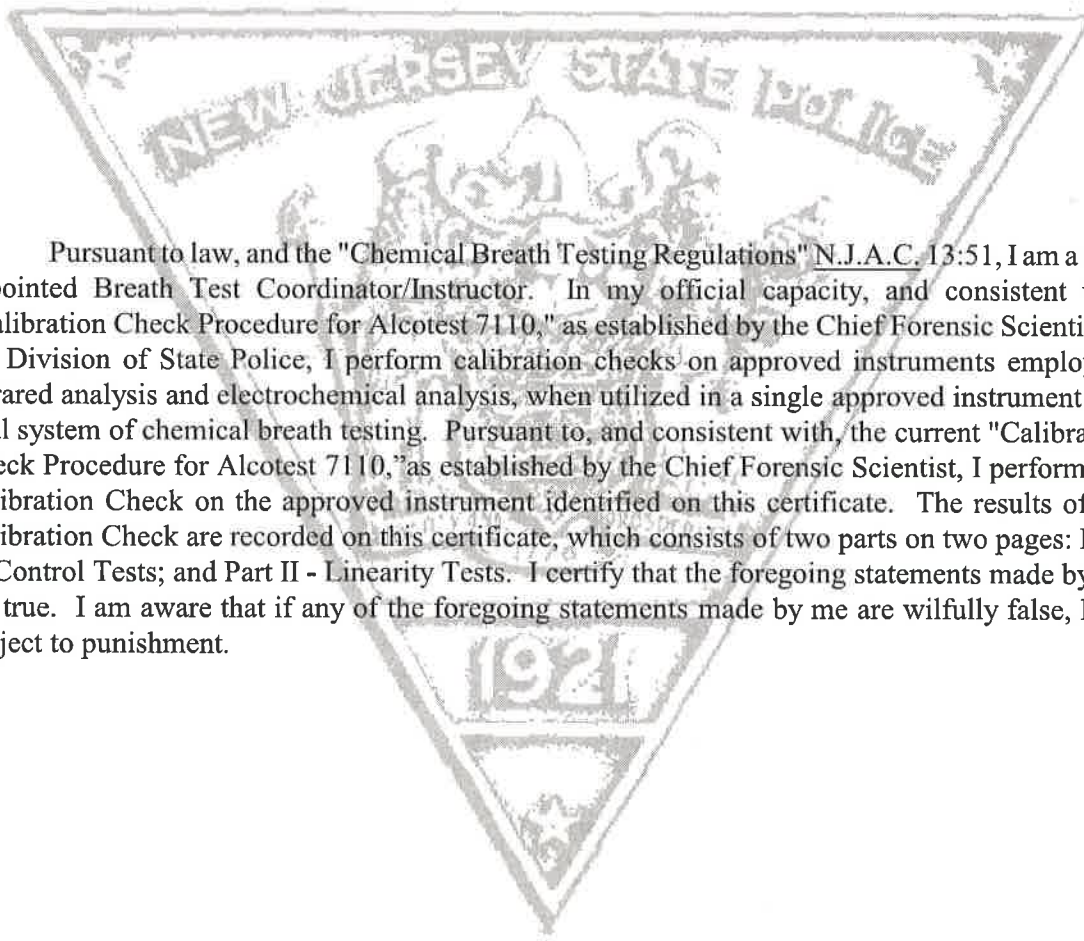
\*Black Key Temperature Probe Serial.....#

DDLB13-0115 (DL)

\*Digital NIST Temperature Measuring System Serial.....#

191 959 029 (DL)

Pursuant to law, and the "Chemical Breath Testing Regulations" N.J.A.C. 13:51, I am a duly appointed Breath Test Coordinator/Instructor. In my official capacity, and consistent with "Calibration Check Procedure for Alcotest 7110," as established by the Chief Forensic Scientist of the Division of State Police, I perform calibration checks on approved instruments employing infrared analysis and electrochemical analysis, when utilized in a single approved instrument as a dual system of chemical breath testing. Pursuant to, and consistent with, the current "Calibration Check Procedure for Alcotest 7110," as established by the Chief Forensic Scientist, I performed a Calibration Check on the approved instrument identified on this certificate. The results of my Calibration Check are recorded on this certificate, which consists of two parts on two pages: Part I - Control Tests; and Part II - Linearity Tests. I certify that the foregoing statements made by me are true. I am aware that if any of the foregoing statements made by me are wilfully false, I am subject to punishment.



# Alcotest 7110 Calibration Certificate

## Part I - Control Tests

### Equipment

Alcotest 7110 MKIII-C  
Location: STAFFORD TOWNSHIP P.D.  
Serial No.: ARSA-0031  
Calibration File No.: 01579 Calib. Date: 06/10/2020 Calib. No.: 00038  
Certification File No.: 01580 Cert. Date: 06/10/2020 Cert. No.: 00031  
Linearity File No.: 01538 Lin. Date: 09/13/2019 Lin. No.: 00030  
Solution File No.: 01578 Soln. Date: 05/22/2020 Soln. No.: 00229  
Sequential File No.: 01580 File Date: 06/10/2020

Calibrating Unit: WET Model No.: CU-34 Serial No.: DDXA S3-0034  
Control Solution %: 0.100% Expires: 10/14/2021  
Solution Control Lot: 19270 Bottle No.: 1078

Function	Result %BAC	Time HH:MM	Temperature Simulator (°C)	Comment(s) or Error(s)
Ambient Air Blank	0.000%	09:31D		
Control 1 EC	0.099%	09:31D	34.0°C	*** TEST PASSED ***
Control 1 IR	0.099%	09:31D	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	09:32D		
Control 2 EC	0.099%	09:32D	34.0°C	*** TEST PASSED ***
Control 2 IR	0.100%	09:32D	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	09:33D		
Control 3 EC	0.099%	09:34D	34.0°C	*** TEST PASSED ***
Control 3 IR	0.100%	09:34D	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	09:34D		

All tests within acceptable tolerance.

### Coordinator

Last Name: LUTZ

First Name: DENNIS

MI: J

Signature: Tp I Dent 7045

Badge No.: 7045

Date: 06/10/2020

Pursuant to law, and the "Chemical Breath Testing Regulations" N.J.A.C. 13:51, I am a duly appointed Breath Test Coordinator/Instructor. In my official capacity, and consistent with "Calibration Check Procedure for Alcotest 7110," as established by the Chief Forensic Scientist of the Division of State Police, I perform calibration checks on approved instruments employing infrared analysis and electrochemical analysis, when utilized in a single approved instrument as a dual system of chemical breath testing. Pursuant to, and consistent with, the current "Calibration Check Procedure for Alcotest 7110," as established by the Chief Forensic Scientist, I performed a Calibration Check on the approved instrument identified on this certificate. The results of my Calibration Check are recorded on this certificate, which consists of two parts on two pages: Part I - Control Tests; and Part II - Linearity Tests. I certify that the foregoing statements made by me are true. I am aware that if any of the foregoing statements made by me are wilfully false, I am subject to punishment.

# Alcotest 7110 Calibration Certificate

## Part II - Linearity Tests

### Equipment

Alcotest 7110 MKIII-C  
Location: STAFFORD TOWNSHIP P.D.  
Serial No.: ARSA-0031  
Calibration File No.: 01579 Calib. Date: 06/10/2020 Calib. No.: 00038  
Certification File No.: 01580 Cert. Date: 06/10/2020 Cert. No.: 00031  
Linearity File No.: 01581 Lin. Date: 06/10/2020 Lin. No.: 00031  
Solution File No.: 01578 Soln. Date: 05/22/2020 Soln. No.: 00229  
Sequential File No.: 01581 File Date: 06/10/2020

Calibrating Unit: WET Model No.: CU-34 Serial No.: DDSC S3-0005  
Control Solution %: 0.040% Expires: 07/31/2020  
Solution Control Lot: 18240 Bottle No.: 1471

Calibrating Unit: WET Model No.: CU-34 Serial No.: DDMK S3-0005  
Control Solution %: 0.080% Expires: 08/06/2020  
Solution Control Lot: 18250 Bottle No.: 1079

Calibrating Unit: WET Model No.: CU-34 Serial No.: DDWE S3-0211  
Control Solution %: 0.160% Expires: 08/21/2020  
Solution Control Lot: 18260 Bottle No.: 0804

Function	Result %BAC	Time HH:MM	Temperature Simulator (°C)	Comment(s) or Error(s)
Ambient Air Blank	0.000%	09:47D		
Control 1 EC	0.040%	09:47D	34.0°C	*** TEST PASSED ***
Control 1 IR	0.040%	09:47D	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	09:48D		
Control 2 EC	0.040%	09:49D	34.0°C	*** TEST PASSED ***
Control 2 IR	0.041%	09:49D	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	09:50D		
Control 3 EC	0.081%	09:51D	33.9°C	*** TEST PASSED ***
Control 3 IR	0.080%	09:51D	33.9°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	09:52D		
Control 4 EC	0.080%	09:53D	34.0°C	*** TEST PASSED ***
Control 4 IR	0.080%	09:53D	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	09:54D		
Control 5 EC	0.160%	09:54D	34.0°C	*** TEST PASSED ***
Control 5 IR	0.159%	09:54D	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	09:56D		
Control 6 EC	0.160%	09:56D	34.0°C	*** TEST PASSED ***
Control 6 IR	0.159%	09:56D	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	09:58D		

All tests within acceptable tolerance.

### Coordinator

Last Name: LUTZ

First Name: DENNIS

MI: J

Signature: \_\_\_\_\_

*Ty I Lutz 7045*

Badge No.: 7045

Date: 06/10/2020

# Calibrating Unit

## New Standard Solution Report

### Equipment

Alcotest 7110 MKIII-C  
Location: STAFFORD TOWNSHIP P.D.  
Serial No.: ARSA-0031  
Calibration File No.: 01579  
Calib. Date: 06/10/2020  
Calib. No.: 00038  
Certification File No.: 01580  
Cert. Date: 06/10/2020  
Cert. No.: 00031  
Linearity File No.: 01581  
Lin. Date: 06/10/2020  
Lin. No.: 00031  
Solution File No.: 01582  
Soln. Date: 06/10/2020  
Soln. No.: 00230  
Sequential File No.: 01582  
File Date: 06/10/2020

Calibrating Unit: WET  
Control Solution %: 0.100%  
Solution Control Lot: 19240  
Model No.: CU-34  
Serial No.: DDXA S3-0034  
Expires: 09/09/2021  
Bottle No.: 1083

Function	Result %BAC	Time HH:MM	Temperature Simulator (°C)	Comment(s) or Error(s)
Ambient Air Blank	0.000%	11:11D		
Control 1 EC	0.100%	11:12D	33.9°C	*** TEST PASSED ***
Control 1 IR	0.100%	11:12D	33.9°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	11:12D		
Control 2 EC	0.100%	11:13D	34.0°C	*** TEST PASSED ***
Control 2 IR	0.100%	11:13D	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	11:13D		
Control 3 EC	0.100%	11:14D	34.0°C	*** TEST PASSED ***
Control 3 IR	0.100%	11:14D	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	11:14D		

All tests within acceptable tolerance.

On this date, I installed the above indicated "NEW SOLUTION" in accordance with Alcotest 7110 operator training and procedures established by the (NJSP) Chief Forensic Scientist.

Temperature Probe Serial Number:

DDWSP2-186

DU

### Changed By:

Last Name: LUTZ

First Name: DENNIS

MI: J

Signature:

Tpr I [Signature] 7045

Badge No.: 7045

Date: 06/10/2020



**Alcotest 7110 MKIII-C Calibration**  
**NIST-Traceable Digital Thermometer Readings**

**Coordinator:**

Tpr I Dennis J Lutz  
Name

7045  
Badge No.

**Location:**

Stafford Township P.D.  
Agency

ALSA-0031  
Alcotest Serial No.

**Equipment:**

191 959 029  
Digital NIST Temperature Measuring System Serial No.

Simulator Solution Concentration	CU-34 Simulator Serial No.	Time Simulators Started to Heat	Time Temp. Reading Obtained	Temp. Reading on NIST Traceable Thermometer
0.04%	DDSC 53-0005	08:18 D	09:20 D	34.0°C
0.08%	DDMK 53-0005	08:18 D	09:21 D	33.9°C
0.10%	DDXA 53-0034	08:18 D	09:22 D	34.0°C
0.16%	DDWE 53-0211	08:18 D	09:22 D	34.0°C

Pursuant to law and the "Chemical Breath Testing Regulations" established at N.J.A.C. 13:51, I am a duly appointed Breath Test Coordinator/Instructor. In my official capacity and consistent with the "Calibration Check Procedure for Alcotest 7110" as established by the Chief Forensic Scientist of the Division of State Police, I perform calibration checks on Alcotest 7110 MKIII-C instruments. Pursuant to and consistent with the current "Calibration Check Procedure for Alcotest 7110", I performed a Calibration Check Procedure on the Alcotest 7110 MKIII-C instrument identified on this certificate. Pursuant to the current "Calibration Check Procedure for Alcotest 7110", I used the Digital NIST-traceable Temperature Measuring System identified on this certificate to confirm that the temperatures of the 0.10%, 0.04%, 0.08%, and 0.16% Simulator Solutions used in the respective CU-34 Simulators identified on this certificate, were 34.0 degrees Celsius  $\pm$  0.2 degrees Celsius. I hereby certify that I truthfully recorded on this certificate the temperatures of each of the simulator solutions as shown on the Digital NIST-traceable Temperature Measuring System thermometer. I am aware that if any of the foregoing statements made by me are willfully false, I am subject to punishment.

Tpr I Dennis J Lutz 7045  
Coordinator's Signature

6-10-20  
Date

**Dräger**

**Simulator**

**CERTIFICATE OF ACCURACY**

This Certificate of Accuracy verifies that the specified unit has been examined and found to be in compliance with National Highway and Traffic Safety Administration regulations for devices used to calibrate Evidential Breath Testers.  
(F.R. Vol. 59 No. 249 12/19/94 Notices)  
Dräger, Inc.

- ☒ Model: ALCOTEST CU34  
☐ Model: MARK IIA  
☐ X-Cal 2000 (Alcosim)  
☐ Other: \_\_\_\_\_

Serial Number:

DDSCS3-0005

Certification Date:

3.9.20

Technician:

OR

Re-Certification Due Date:

3.9.21

**Dräger**

**Simulator**

**CERTIFICATE OF ACCURACY**

This Certificate of Accuracy verifies that the specified unit has been examined and found to be in compliance with National Highway and Traffic Safety Administration regulations for devices used to calibrate Evidential Breath Testers.  
(F.R. Vol. 59 No. 249 12/19/94 Notices)  
Dräger, Inc.

- ☒ Model: ALCOTEST CU34  
☐ Model: MARK IIA  
☐ X-Cal 2000 (Alcosim)  
☐ Other: \_\_\_\_\_

Serial Number:

DDMK S3-0005

Certification Date:

3.10.20

Technician:

OR

Re-Certification Due Date:

3.10.21

**Dräger**

**Simulator**

**CERTIFICATE OF ACCURACY**

This Certificate of Accuracy verifies that the specified unit has been examined and found to be in compliance with National Highway and Traffic Safety Administration regulations for devices used to calibrate Evidential Breath Testers.  
(F.R. Vol. 59 No. 249 12/19/94 Notices)  
Dräger, Inc.

☒ Model: ALCOTEST CU34

☐ Model: MARK IIA

☐ X-Cal 2000 (Alcosim)

☐ Other: \_\_\_\_\_

Serial Number:

DDWES3-0211

Certification Date:

3.10.20

Technician:

AM

Re-Certification Due Date:

3.10.21

**Dräger**

**Alcotest 7110 Temperature Probe**

**CERTIFICATE OF ACCURACY**

This is to certify that the Alcotest 7110 Temperature Probe has been tested for accuracy with instrumentation that is traceable to the National Institute of Standards and Technology (NIST). The manufacturer recommends accuracy verification of the Temperature Probe within 12 months of the certification date below, or sooner, according to your state's specifications.  
For accurate temperature readings, the probe value on this certificate, noted below, must be programmed into the Alcotest 7110.

Serial Number Temp Probe:

DDLBP3-D115

Certification Date:

3.11.20

Next Certification Due:

3.11.21

Probe Value:

102

Dräger, Inc.

AM



Calibration complies with ISO/IEC  
17025, ANSI/NCSL Z540-1, and 9001



Cert. No.: 4000-10177848

Traceable® Certificate of Calibration for Digital Thermometer

Manufactured for and distributed by: VWR International LLC Radnor Corporate Center, Bldg 1, Ste 200, 100 Malsonford Road, Radnor, PA, 19087

Instrument Identification:

Model: 61220-601,

S/N: 191959029

Manufacturer: Control Company

Standards/Equipment:

Description	Serial Number	Due Date	NIST Traceable Reference
Temperature Calibration Bath	93139		
Thermistor Module	A17118	20 Apr 2019	1000424560
Thermistor Module	A27129	10 Jan 2020	1000436202
Temperature Calibration Bath	A73332		
Temperature Probe	3039	08 May 2019	6-B7F4L-20-1
Temperature Calibration Bath	A79341		
Temperature Probe	5394	29 Jan 2020	B9124038
Temperature Calibration Bath	B16388		
Temperature Probe	5267	28 Jan 2020	B9124036

Certificate Information:

Technician: 104

Procedure: CAL-06

Cal Date: 13 Feb 2019

Cal Due Date: 13 Feb 2021

Test Conditions: 38.85%RH 24.21°C 1023mBar

Calibration Data: (New Instrument)

Unit(s)	Nominal	As Found	In Tol	Nominal	As Left	In Tol	Min	Max	±U	TUR
°C	N.A.	N.A.		-0.002	0.001	Y	-0.052	0.048	0.0087	>4:1
°C	N.A.	N.A.		24.999	25.000	Y	24.949	25.049	0.0087	>4:1
°C	N.A.	N.A.		50.001	50.000	Y	49.951	50.051	0.0087	>4:1
°C	N.A.	N.A.		100.000	100.002	Y	99.95	100.05	0.0087	>4:1

This certificate indicates Traceability to standards provided by (NIST) National Institute of Standards and Technology and/or a National Standards Laboratory.

A Test Uncertainty Ratio of at least 4:1 is maintained unless otherwise stated and is calculated using the expanded measurement uncertainty. Uncertainty evaluation includes the instrument under test and is calculated in accordance with the ISO "Guide to the Expression of Uncertainty in Measurement": (GUM). The uncertainty represents an expanded uncertainty using a coverage factor k=2 to approximate a 95% confidence level. In tolerance conditions are based on test results falling within specified limits with no reduction by the uncertainty of the measurement. The results contained herein relate only to the item calibrated. This certificate shall not be reproduced except in full, without written approval of Control Company.

Nominal=Standard's Reading; As Left=Instrument's Reading; In Tol=In Tolerance; Min/Max=Acceptance Range; ±U=Expanded Measurement Uncertainty; TUR=Test Uncertainty Ratio; Accuracy=±(Max-Min)/2; Min=As Left Nominal(Rounded) - Tolerance; Max= As Left Nominal(Rounded) + Tolerance;

*Nicol Rodriguez*

Nicol Rodriguez, Quality Manager

*Aaron Judice*

Aaron Judice, Technical Manager

Note :

Maintaining Accuracy:

In our opinion once calibrated your Digital Thermometer should maintain its accuracy. There is no exact way to determine how long calibration will be maintained. Digital Thermometer change little, if any at all, but can be affected by aging, temperature, shock, and contamination.

Recalibration:

For factory calibration and re-certification traceable to National Institute of Standards and Technology contact Control Company.

CONTROL COMPANY 12554 Galveston RD Suite B230 Webster TX USA 77598  
Phone 281 482-1714 Fax 281 482-9448 sales@control3.com www.control3.com

Control Company is an ISO/IEC 17025:2005 Calibration Laboratory Accredited by (A2LA) American Association for Laboratory Accreditation, Certificate No. 1750.01.  
Control Company is ISO 9001:2008 Quality Certified by DNV GL, Certificate No. CERT-01805-2008-AQ-HOU-RvA.  
International Laboratory Accreditation Cooperation (ILAC) - Multilateral Recognition Arrangement (MRA).





Calibration complies with ISO/IEC  
17025, ANSI/NCSL Z540-1, and 9001



Cert. No.: 4000-10177848

Traceable® Certificate of Calibration for Digital Thermometer

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CONTROL COMPANY 12554 Galveston RD Suite B230 Webster TX USA 77598  
Phone 281 482-1714 Fax 281 482-9448 sales@control3.com www.control3.com

Control Company is an ISO/IEC 17025:2005 Calibration Laboratory Accredited by (A2LA) American Association for Laboratory Accreditation, Certificate No. 1750.01.  
Control Company is ISO 9001:2008 Quality Certified by DNV GL, Certificate No. CERT-01805-2006-AQ-HOU-RvA.  
International Laboratory Accreditation Cooperation (ILAC) - Multilateral Recognition Arrangement (MRA).



## State of New Jersey

OFFICE OF THE ATTORNEY GENERAL  
DEPARTMENT OF LAW AND PUBLIC SAFETY  
DIVISION OF STATE POLICE  
POST OFFICE BOX 7068  
WEST TRENTON, NJ 08628-0068  
(609) 882-2000

PHILIP D. MURPHY  
Governor

SHEILA Y. OLIVER  
Lt. Governor

GURBIR S. GREWAL  
Attorney General

PATRICK J. CALLAHAN  
Colonel

### **CERTIFICATION OF ANALYSIS** **0.100 PERCENT BREATH ALCOHOL SIMULATOR SOLUTION**

**ACCEPTANCE SPECIFICATIONS FOR BREATH ALCOHOL SIMULATOR SOLUTION:** Ethyl alcohol concentration within, but not exceeding, the range of 0.1174 to 0.1246 grams per 100 milliliters of solution.

**MANUFACTURER:** Draeger Safety, Inc.

**ANALYSIS DATE:** 10/21/2019

**BREATH ALCOHOL SIMULATOR SOLUTION LOT NUMBER:** 19270

Representative samples of the above-referenced Lot Number were tested by Gas Chromatography and found to have a mean ethyl alcohol concentration range of 0.1216 to 0.1232 grams per 100 milliliters of solution.

This lot of breath alcohol simulator solution may be utilized as a known traceable standard for the purpose of conducting periodic tests, pursuant to N.J.A.C. 13:51-4.3, of approved breath test instruments (N.J.A.C. 13:51-3.5) utilized by law enforcement agencies in this State. The manufacturer's expiration date for this lot of breath alcohol simulator solution is October 14, 2021.

As Assistant Chief Forensic Scientist for the Division of State Police, I hereby certify and attest that the tests and results documented in this Certificate of Analysis were performed at the Office of Forensic Sciences of the Division of State Police on properly functioning and calibrated instruments and equipment. All procedures utilized are accurate, objective, and performed on a routine basis by personnel within the Office of Forensic Sciences, in accordance with their professional duties and responsibilities.

Michael Kennedy  
Michael Kennedy  
Assistant Chief Forensic Scientist  
NJSP Office of Forensic Sciences

Sworn to and subscribed before me this 28 day of October, 2019.

Notary

KAREN E. STAHL  
NOTARY PUBLIC OF NEW JERSEY  
Commission # 50110522  
My Commission Expires 8/13/2024



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GURBIR S. GREWAL  
*Attorney General*

PATRICK J. CALLAHAN  
*Colonel*

### **CERTIFICATION OF ANALYSIS** **0.040 PERCENT BREATH ALCOHOL SIMULATOR SOLUTION**

**ACCEPTANCE SPECIFICATIONS FOR BREATH ALCOHOL SIMULATOR SOLUTION:** Ethyl alcohol concentration within, but not exceeding, the range of 0.0469 to 0.0499 grams per 100 milliliters of solution.

**MANUFACTURER:** Draeger Safety, Inc.

**ANALYSIS DATE:** 08/28/2018

**BREATH ALCOHOL SIMULATOR SOLUTION LOT NUMBER:** 18240

Representative samples of the above-referenced Lot Number were tested by Gas Chromatography and found to have a mean ethyl alcohol concentration range of 0.0486 to 0.0489 grams per 100 milliliters of solution.

This lot of breath alcohol simulator solution may be utilized as a known traceable standard for the purpose of conducting periodic tests, pursuant to N.J.A.C. 13:51-4.3, of approved breath test instruments (N.J.A.C. 13:51-3.5) utilized by law enforcement agencies in this State. The manufacturer's expiration date for this lot of breath alcohol simulator solution is July 31, 2020.

As Research Scientist for the Division of State Police, I hereby certify and attest that the tests and results documented in this Certificate of Analysis were performed at the Office of Forensic Sciences of the Division of State Police on properly functioning and calibrated instruments and equipment. All procedures utilized are accurate, objective, and performed on a routine basis by personnel within the Office of Forensic Sciences, in accordance with their professional duties and responsibilities.

Ali M. Alaoui, Ph.D.  
Research Scientist  
NJSP Office of Forensic Sciences

Sworn to and subscribed before me this 29<sup>th</sup> day of August, 2018.

Notary

**MARY ELIZABETH MCLAUGHLIN**

ID # 2052190  
NOTARY PUBLIC  
STATE OF NEW JERSEY  
My Commission Expires Dec. 24, 2018



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GURDIR S. GREWAL  
Attorney General

PATRICK J. CALLAHAN  
Colonel

### **CERTIFICATION OF ANALYSIS** **0.080 PERCENT BREATH ALCOHOL SIMULATOR SOLUTION**

**ACCEPTANCE SPECIFICATIONS FOR BREATH ALCOHOL SIMULATOR SOLUTION:** Ethyl alcohol concentration within, but not exceeding, the range of 0.0939 to 0.0997 grams per 100 milliliters of solution.

**MANUFACTURER:** Draeger Safety, Inc.

**ANALYSIS DATE:** 08/30/2018

**BREATH ALCOHOL SIMULATOR SOLUTION LOT NUMBER:** 18250

Representative samples of the above-referenced Lot Number were tested by Gas Chromatography and found to have a mean ethyl alcohol concentration range of 0.0976 to 0.0987 grams per 100 milliliters of solution.

This lot of breath alcohol simulator solution may be utilized as a known traceable standard for the purpose of conducting periodic tests, pursuant to N.J.A.C. 13:51-4.3, of approved breath test instruments (N.J.A.C. 13:51-3.5) utilized by law enforcement agencies in this State. The manufacturer's expiration date for this lot of breath alcohol simulator solution is August 06, 2020.

As Assistant Chief Forensic Scientist for the Division of State Police, I hereby certify and attest that the tests and results documented in this Certificate of Analysis were performed at the Office of Forensic Sciences of the Division of State Police on properly functioning and calibrated instruments and equipment. All procedures utilized are accurate, objective, and performed on a routine basis by personnel within the Office of Forensic Sciences, in accordance with their professional duties and responsibilities.

Michael Kennedy  
Assistant Chief Forensic Scientist  
NJSP Office of Forensic Sciences

Sworn to and subscribed before me this 14<sup>th</sup> day of September, 2018.

Notary

**MARY ELIZABETH MCLAUGHLIN**

ID # 2052190  
NOTARY PUBLIC  
STATE OF NEW JERSEY  
My Commission Expires Dec. 24, 2018



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*Lt. Governor*

GURBIR S. GREWAL  
*Attorney General*

PATRICK J. CALLAHAN  
*Colonel*

### **CERTIFICATION OF ANALYSIS** **0.160 PERCENT BREATH ALCOHOL SIMULATOR SOLUTION**

**ACCEPTANCE SPECIFICATIONS FOR BREATH ALCOHOL SIMULATOR SOLUTION:** Ethyl alcohol concentration within, but not exceeding, the range of 0.1878 to 0.1994 grams per 100 milliliters of solution.

**MANUFACTURER:** Draeger Safety, Inc.

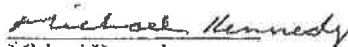
**ANALYSIS DATE:** 09/13/2018

**BREATH ALCOHOL SIMULATOR SOLUTION LOT NUMBER:** 18260

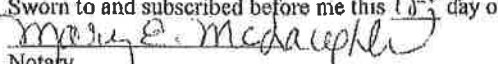
Representative samples of the above-referenced Lot Number were tested by Gas Chromatography and found to have a mean ethyl alcohol concentration range of 0.1938 to 0.1964 grams per 100 milliliters of solution.

This lot of breath alcohol simulator solution may be utilized as a known traceable standard for the purpose of conducting periodic tests, pursuant to N.J.A.C. 13:51-4.3, of approved breath test instruments (N.J.A.C. 13:51-3.5) utilized by law enforcement agencies in this State. The manufacturer's expiration date for this lot of breath alcohol simulator solution is August 21, 2020.

As Assistant Chief Forensic Scientist for the Division of State Police, I hereby certify and attest that the tests and results documented in this Certificate of Analysis were performed at the Office of Forensic Sciences of the Division of State Police on properly functioning and calibrated instruments and equipment. All procedures utilized are accurate, objective, and performed on a routine basis by personnel within the Office of Forensic Sciences, in accordance with their professional duties and responsibilities.

  
Michael Kennedy  
Assistant Chief Forensic Scientist  
NJSP Office of Forensic Sciences

Sworn to and subscribed before me this 15<sup>th</sup> day of September, 2018.

  
Notary  
**MARY ELIZABETH MCLAUGHLIN**

ID # 2052190  
NOTARY PUBLIC  
STATE OF NEW JERSEY  
My Commission Expires Dec. 24, 2018



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## State of New Jersey

OFFICE OF THE ATTORNEY GENERAL  
DEPARTMENT OF LAW AND PUBLIC SAFETY  
DIVISION OF STATE POLICE  
POST OFFICE BOX 7068  
WEST TRENTON, NJ 08628-0068  
(609) 882-2000

PHILIP D. MURPHY  
Governor

SHEILA Y. OLIVER  
Lt. Governor

GURBIR S. GREWAL  
Attorney General

PATRICK J. CALLAHAN  
Colonel

### **CERTIFICATION OF ANALYSIS** **0.100 PERCENT BREATH ALCOHOL SIMULATOR SOLUTION**

**ACCEPTANCE SPECIFICATIONS FOR BREATH ALCOHOL SIMULATOR SOLUTION:** Ethyl alcohol concentration within, but not exceeding, the range of 0.1174 to 0.1246 grams per 100 milliliters of solution.

**MANUFACTURER:** Dräger Safety, Inc.

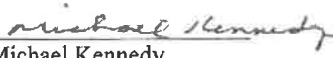
**ANALYSIS DATE:** 09/19/2019


**BREATH ALCOHOL SIMULATOR SOLUTION LOT NUMBER:** 19240

Representative samples of the above-referenced Lot Number were tested by Gas Chromatography and found to have a mean ethyl alcohol concentration range of 0.1209 to 0.1240 grams per 100 milliliters of solution.

This lot of breath alcohol simulator solution may be utilized as a known traceable standard for the purpose of conducting periodic tests, pursuant to N.J.A.C. 13:51-4.3, of approved breath test instruments (N.J.A.C. 13:51-3.5) utilized by law enforcement agencies in this State. The manufacturer's expiration date for this lot of breath alcohol simulator solution is September 09, 2021.

As Assistant Chief Forensic Scientist for the Division of State Police, I hereby certify and attest that the tests and results documented in this Certificate of Analysis were performed at the Office of Forensic Sciences of the Division of State Police on properly functioning and calibrated instruments and equipment. All procedures utilized are accurate, objective, and performed on a routine basis by personnel within the Office of Forensic Sciences, in accordance with their professional duties and responsibilities.

  
Michael Kennedy  
Assistant Chief Forensic Scientist  
NJSP Office of Forensic Sciences

Sworn to and subscribed before me this 26 day of September, 2019.  
Notary 

KAREN E. STAHL  
NOTARY PUBLIC OF NEW JERSEY  
Commission # 50110522  
My Commission Expires 8/13/2024



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DEPARTMENT OF  
**Transportation and Public Safety**  
*This is to certify that*

**Dennis J. Lutz**

**Breath Test Coordinator/Instructor**

IS QUALIFIED AND COMPETENT TO CONDUCT CHEMICAL BREATH ANALYSIS PURSUANT TO CHAPTER 142 OF

THE LAWS OF 1946 IN THE OPERATION OF THE Alcotest 7110 MKIII-C

A METHOD TO DETERMINE INTOXICATION.

GIVEN UNDER MY HAND AT TRENTON, NEW JERSEY THIS 29th DAY OF January

TWO THOUSAND AND Nineteen

D. J. Lutz  
COORDINATOR  
NEW JERSEY STATE POLICE

[Signature]  
ATTORNEY GENERAL  
STATE OF NEW JERSEY

ORIGINAL COURSE DATES

DATE	Refresher Course PLACE	INSTRUCTOR
1.		
2.		
3.		
4.		
5.		
6.		
7.		
8.		
9.		

S.P. 2838 (Rev. 01/78)

DEPARTMENT OF  
**Transportation and Public Safety**  
*This is to certify that*

**Dennis J. Lutz**  
**New Jersey State Police**

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THE LAWS OF 1946 IN THE OPERATION OF THE Alcotest 7110 MKIII-C

A METHOD TO DETERMINE INTOXICATION.

GIVEN UNDER MY HAND AT TRENTON, NEW JERSEY THIS 1st DAY OF October

TWO THOUSAND AND Nine

[Signature]  
COORDINATOR  
NEW JERSEY STATE POLICE

[Signature]  
ATTORNEY GENERAL  
STATE OF NEW JERSEY

ORIGINAL COURSE DATES

DATE	Refresher Course PLACE	INSTRUCTOR
1. <u>2-3-11</u>	<u>OCDA</u>	<u>Wm. Lutz</u>
2. <u>1-24-13</u>	<u>OCDA</u>	<u>Adam Standa</u>
3. <u>11-23-15</u>	<u>GCPA</u>	<u>M. Gonzalez</u>
4. <u>4/6/17</u>	<u>LAKEWOOD ST</u>	<u>Adam Standa</u>
5. <u>8/22/19</u>	<u>NJSP Gateway</u>	<u>B.M.</u>
6.		
7.		
8.		
9.		

S.P. 2838 (Rev. 07/87)



# Dräger

## Alcotest 7110

### CERTIFICATE OF ACCURACY

This is to certify that the Alcotest 7110 has been tested for accuracy and found to be in compliance with the National Highway Traffic Safety Administration Standard for evidential breath testing devices. The Alcotest MKIII-C is compliant as a "mobile" and "nonmobile" EBT with 49 FR 48854, 49 FR 48864, and 58 FR 48705. The manufacturer recommends accuracy verification of this instrument within 12 months of the calibration date below, or sooner, according to your state's specifications.

Certification Date:

Serial Number:

05/22/2020

ARSA - 0031

Draeger, Inc.





**Dräger**

**Simulator**

**CERTIFICATE OF ACCURACY**

This Certificate of Accuracy verifies that the specified unit has been examined and found to be in compliance with National Highway and Traffic Safety Administration regulations for devices used to calibrate Evidential Breath Testers.  
(F.R. Vol. 59 No. 249 12/19/94 Notices)  
Dräger, Inc.

☒ Model: ALCOTEST CU34

☐ Model: MARK IIA

☐ X-Cal 2000 (Alcosim)

☐ Other: \_\_\_\_\_

Serial Number:

DDXAS3-0034

Certification Date:

3.25.20

Technician:

[Signature]

Re-Certification Due Date:

3.25.21

**Dräger**

**Alcotest 7110 Temperature Probe**

**CERTIFICATE OF ACCURACY**

This is to certify that the Alcotest 7110 Temperature Probe has been tested for accuracy with instrumentation that is traceable to the National Institute of Standards and Technology (NIST). The manufacturer recommends accuracy verification of the Temperature Probe within 12 months of the certification date below, or sooner, according to your state's specifications. For accurate temperature readings, the probe value on this certificate, noted below, must be programmed into the Alcotest 7110.

Serial Number Temp Probe:

DDWJP2-186

Certification Date:

3.20.20

Next Certification Due:

3.20.21

Probe Value:

104

Dräger, Inc.

[Signature]

# Calibrating Unit

## New Standard Solution Report

**Equipment** Alcotest 7110 MKIII-C Serial No.: ARSA-0031  
Location: STAFFORD TOWNSHIP P.D.  
Calibration File No.: 01579 Calib. Date: 06/10/2020 Calib. No.: 00038  
Certification File No.: 01580 Cert. Date: 06/10/2020 Cert. No.: 00031  
Linearity File No.: 01581 Lin. Date: 06/10/2020 Lin. No.: 00031  
Solution File No.: 01583 Soln. Date: 06/17/2020 Soln. No.: 00231  
Sequential File No.: 01583 File Date: 06/17/2020

Calibrating Unit: WET Model No.: CU-34 Serial No.: DDUD S3-0014  
Control Solution %: 0.100% Expires: 09/09/2021  
Solution Control Lot: 19240 Bottle No.: 1079

Function	Result %BAC	Time HH:MM	Temperature Simulator (°C)	Comment(s) or Error(s)
Ambient Air Blank	0.000%	09:13D		
Control 1 EC	0.100%	09:14D	33.9°C	*** TEST PASSED ***
Control 1 IR	0.100%	09:14D	33.9°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	09:14D		
Control 2 EC	0.100%	09:15D	33.9°C	*** TEST PASSED ***
Control 2 IR	0.099%	09:15D	33.9°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	09:16D		
Control 3 EC	0.099%	09:16D	34.0°C	*** TEST PASSED ***
Control 3 IR	0.100%	09:16D	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	09:17D		

All tests within acceptable tolerance.

On this date, I installed the above indicated "NEW SOLUTION" in accordance with Alcotest 7110 operator training and procedures established by the (NJSP) Chief Forensic Scientist.

Temperature Probe Serial Number:

DDWJP2-016

DU

### Changed By:

Last Name: LUTZ

First Name: DENNIS

MI: J

Signature:

Tpr I [Signature] 7045

Badge No.: 7045

Date: 06/17/2020

**Dräger**

**Simulator**

**CERTIFICATE OF ACCURACY**

This Certificate of Accuracy verifies that the specified unit has been examined and found to be in compliance with National Highway and Traffic Safety Administration regulations for devices used to calibrate Evidential Breath Testers.  
(F.R. Vol. 59 No. 249 12/19/94 Notices)  
Draeger, Inc.

- ☒ Model: ALCOTEST CU34  
☐ Model: MARK IIA  
☐ X-Cal 2000 (Alcosim)  
☐ Other: \_\_\_\_\_

Serial Number:

DDUDS3-0014

Certification Date:

3.23.20

Technician:

[Signature]

Re-Certification Due Date:

3.23.21

**Dräger**

**Alcotest 7110 Temperature Probe**

**CERTIFICATE OF ACCURACY**

This is to certify that the Alcotest 7110 Temperature Probe has been tested for accuracy with instrumentation that is traceable to the National Institute of Standards and Technology (NIST). The manufacturer recommends accuracy verification of the Temperature Probe within 12 months of the certification date below, or sooner, according to your state's specifications. For accurate temperature readings, the probe value on this certificate, noted below, must be programmed into the Alcotest 7110.

Serial Number Temp Probe:

DDWJP2-010

Certification Date:

3.23.20

Next Certification Due:

3.23.21

Probe Value:

102

Draeger, Inc.

[Signature]



## State of New Jersey

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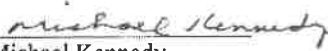
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Notary 

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